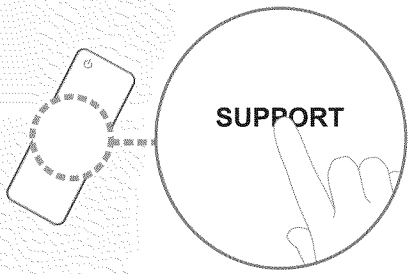
SAMSUNG

E-MANUAL



Thank you for purchasing this Samsung product.

To receive more complete service, please register your product at

www.samsung.com/register

Model_____ Serial No._____

- BD Wise

  Provides the optimal picture quality for Samsung DVD, Blu-ray and Home Theater products which support BD Wise. When the BD Wise is set to On, the picture mode is automatically changed to the optimal resolution.

  Available when you connect Samsung products that support BD Wise through an HDMI cable to the TV.

- Menu Transparency

  Adjust transparency of menu box.

- Sound Feedback

  Your TV gives sound feedback when you use TV. Sound Feedback is enabled by default. Turn off Sound Feedback or adjust its volume.

- Panel Lock

  Lock or unlock all the keys on the front panel at once. When Panel Lock is on, none of the keys on the front panel operate.

- Boot Logo

  Displays the Samsung logo when the TV is turned on.

- Light Effect for LED TV

  You can turn the LED on the TV's front panel on or off. Turn it off to save power or if the LED is too bright for you.

  Set the Light Effect to Off to reduce the power consumption.

  The color of light may vary depending on the model.

Anynet+ (HDMI-CEC)

Menu → System → Anynet+ (HDMI-CEC)

Allows you to control all connected Samsung devices that support anynet+ with your

Samsung TV's remote. For details on set up options, refer to the "Anynet+ (HDMI-CEC)" instructions.

DivX® Video On Demand

Menu → System → DivX® Video On Demand

Shows the registration code authorized for the TV. If you connect to the DivX web site and register with 10-digit registration code, you can download the VOD activation file. Once you play it using AllShare Play, the registration is completed.

For more information on DivX(R) VOD, visit http://vod.divx.com.

Support Menu

e-Manual

Menu → Support → e-Manual

The e-Manual is built into your TV. Open the e-Manual to learn how to use your TV's many features.

For the detailed information about the e-Manual Screen, refer to "How to view the e-Manual" in the User's Manual.

Self Diagnosis

Menu → Support → Self Diagnosis

- Picture Test

  Use to check for picture problems. Picture Test displays a high definition picture that you can examine for flaws or faults.

  Yes: Select Yes if the test picture does not appear or there is noise or distortion in the test picture. There may be a problem with the TV. Contact Samsung's Call Center for assistance.

  No: Select No if the test picture displays properly. There may be a problem with

your external equipment. Please check your connections. If the problem persists, refer to the external device's user manual.

- Sound Test

  Use the built-in melody to check for sound problems.

  If you hear no sound from the TV's speakers, before performing the sound test, make sure Speaker Select is set to TV Speaker in the Sound menu, and then try the speakers again.

  You will hear the melody during the test even if you have set Speaker Select to External Speaker or have muted the

sound.

Yes: Select Yes if you can hear sound from only one speaker or from neither speaker during the sound test. There may be a problem with the TV. Contact Samsung's Call Center for assistance.

No: Select No if you can hear sound from the speakers. There may be a problem with your external equipment. Please check your connections. If the problem persists, refer to the external device's user manual.

- Signal Information

  (digital channels only)

  The reception quality of over-the-air HD channels is either perfect or the channels are unavailable. Signal Information displays HD channel signal strength so you can adjust your antenna to increase signal strength and receive HD channels.

- Reset

  Reset all setting to factory defaults except for your network settings.

To reset your TV to default setting, follow these steps:

1. Go to the Reset menu. (Support → Self Diagnosis → Reset)
2. The PIN input screen appears. Enter the PIN using your remote.
3. When done, the PIN screen disappear automatically. The message All the settings will return to factory defaults. appears.
4. Select Yes. All settings have been reset. The TV will turn off and on again automatically. The Setup screen appears. For more information about Setup, see

user manual.

- Troubleshooting

  If your TV seems to be having a problem, access the troubleshooting guide for a solution.

Software Update

Menu → Support → Software Update

The Software Update menu lets you upgrade your TV's software to the latest version.

Current Version: This is the software version already installed in the TV.

Upgrading to the Latest Version

You can upgrade in four ways:

- By USB
- Online
- Alternative Software
- Standby Mode Upgrade

The four methods are explained in the following pages.

Be careful not to turn off the power until the upgrade is complete. The TV will turn off and on automatically after completing the software upgrade. When you upgrade software, all video and audio settings you

have made will return to their default settings. We advise you to write down your settings so that you can easily reset them after the upgrade.

- By USB

To upgrade the By USB, follow these steps:

1. Visit www.samsung.com.
2. Download the latest USB software upgrade exe archive to your computer.
3. Extracts the exe archive to your computer. You should have a single folder with the same name as the exe file.

4. Copy the folder to a USB flash drive.

5. Turn on the TV, and then insert the USB flash drive into the USB port of the TV.

6. In the TV's menu, go to Support → Software Update.

7. Select By USB.

Please be careful not to remove the USB drive until the upgrade is complete.

- Online

  The Online function lets you download the upgrade software directly from the Internet into your TV and then upgrade the software

in one operation. To use Online, you must have configured your TV to connect to your network and the TV must be connected to the Internet. See the "Setting up the Wired or Wireless Network" instructions.

To upgrade using the Online, follow these steps:

1. Select the Online. The Connecting to Server message appears.
2. If there is a download available, the Download pop-up appears with a progress bar and the download starts.
3. When the download is complete, the

Upgrade Query screen appears with three choices: Upgrade Now, Upgrade Later, or Don't Upgrade.

- If you select the Upgrade Now, the TV upgrades the software, turns off, and then turns on automatically.
- If you do not make a selection in one minute or select the Upgrade Later, the TV stores the new upgrade software. You can upgrade the software later using the Alternative Software function.
- If you select the Don't Upgrade, the TV cancels the upgrade.

- Alternative Software

  The Alternative Software option lets you upgrade using a file the TV downloaded earlier, but you decided not to install immediately, or a file downloaded by the TV in Standby Mode (See Standby Mode Upgrade on the next section).

  To upgrade using Alternative Software, follow these steps:

  1. If upgrade software has been downloaded, you will see the software version number to the right of Alternative Software.

  2. Select Alternative Software.

3. The TV displays a message asking if you want to upgrade. Select Yes. The TV begins the upgrade.

4. When the upgrade is complete, the TV turns off automatically, and then turns on.

- Standby Mode Upgrade

  You can set the Standby Mode Upgrade function so that the TV downloads new upgrade software when it is in Standby mode.

  In Standby mode, the TV is off, but its Internet connection is active. This allows the TV to download upgrade software

automatically, when you are not using it. Because the TV is turned on internally, the screen may glow slightly. This phenomenon may continue for more than 1 hour until the software download is complete.

To set Standby Mode Upgrade, follow these steps:

1. Select the Standby Mode Upgrade.
2. Select On or Off.
   - Off: If you select Off, the TV will notify you with a pop up message when new upgrade software is available.
   - On: If you select On, the TV will

automatically download new upgrade software when it is in Standby mode with the power off. If it downloads new upgrade software, the TV will ask you if you want to install it when you turn the TV on.

To use the Standby Mode Upgrade function, your TV must be connected to the Internet.

Contact Samsung

Menu → Support → Contact Samsung

View this information when your TV does not work properly or when you want

to upgrade the software. You can find information regarding our call centers and how to download products and software.

Remote Management

Menu → Support → Remote Management

The Call Center will access your Samsung Product remotely to check internal information. Remote Management can control user settings and troubleshoot a problem.

Smart Hub

Menu → Support → Smart Hub

Smart Hub lets you connect to the Internet and enjoy variety of Internet and multimedia contents. For more information on how to use the Smart Hub, see “Smart Hub” in the e-Manual.

Using the 3D function

3D

Menu → Picture → 3D

This exciting new feature enables you to view 3D content. To fully enjoy this feature, you must need a pair of Samsung 3D Active Glasses to view 3D video.

IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D PICTURES.

Read and understand the following safety information before using the TV's 3D function.

⚠ Warning

- Some viewers may experience discomfort while viewing 3D TV such as dizziness, nausea and headaches. If you experience any such symptom, stop viewing 3D TV, remove the 3D Active Glasses and rest.
- Watching 3D images for an extended period of time may cause eye strain. If you feel eye strain, stop viewing 3D TV, remove your 3D Active Glasses and rest.

- A responsible adult should frequently check on children who are using the 3D function. If there are any reports of tired eyes, headaches, dizziness, or nausea, have the child stop viewing 3D TV and rest.
- Do not use the 3D Active Glasses for other purposes (such as general eyeglasses, sunglasses, protective goggles, etc.)
- Do not use the 3D function or 3D Active Glasses while walking or moving around. If you use the 3D function or 3D Active Glasses while walking or moving around you can injure yourself by running into objects, tripping, or falling.

- 3D Mode

  Select the 3D input format.

  If you want to experience the 3D effect fully, put the 3D Active Glasses on first, and then select the 3D Mode from the list below that provides the best 3D viewing experience.

: Turns the 3D function off.

: Changes a 2D image to 3D.

  
: Displays two images next to each other.

  
: Displays one image above another.

  
: Displays the images for the left and right

eye alternately in rows. for LED TV

 : Displays the images for the left and right eye alternately in columns. for LED TV

 : Displays the images for the left and right eye alternately in pixels. for LED TV

 : Displays the images for the left and right eye alternately in frames. for LED TV

- The 3D Mode may differ depending on the input signal.
- Some file formats may not support the 

  .
- The  ,  and  are available when your PC is connected through an HDMI/

DVI cable.

✎ The  displays the frequency (60Hz only) when the TV's resolution is 1920 x 1080.

- 3D Effect for LED TV

  Adjust 3D effects like perspective and depth for your preferred 3D viewing experience.

  3D Effect: Adjust the perspective and depth settings. If you select Auto, adjust the perspective and depth settings automatically in accordance with the 3D input source. If you select Manual, you can adjust the perspective and depth you want.

3D Perspective: Adjust the overall 3D perspective of the on-screen image.

Depth: Adjust the overall depth.

- 3D Perspective for PDP TV

  Adjust the overall 3D perspective of the on-screen image.

- Depth for PDP TV

  Adjust the overall depth.

- L/R Change

  Swap the left and right pictures.

- 3D Auto View for LED TV

  If you set the 3D Auto View to On, TV will switches the TV to 3D automatically. If you set the 3D Auto View to Message Notice, a message screen appears when the TV receives a 3D signal. Then you can view a 3D image by selecting 3D using your remote.

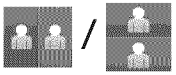
  When you access some application (such as Smart Hub, etc.), TV will do not switch to 3D. In this case, you should to use the 3D, after exiting the application.

- 3D Optimize for LED TV

  Automatically adjusts the picture overall to provide an optimal 3D effect.

Support resolution (16:9 only)

HDMI

3D Format	Resolution	Frequency (Hz)
	1280 x 720p	59.94 / 60 Hz
	1920 x 1080i	59.94 / 60 Hz
	1920 x 1080p	23.98 / 24 / 29.97 / 30 / 59.94 / 60 Hz
Frame Packing	1280 x 720p	59.94 / 60 Hz
	1920 x 1080i	59.94 / 60 Hz
	1920 x 1080p	23.98 / 24 / 29.97 / 30 Hz

Component

Resolution	Frequency (Hz)
1280 x 720p	59.94 / 60 Hz
1920 x 1080i	59.94 / 60 Hz
1920 x 1080p	23.98 / 24 / 29.97 / 30 / 59.94 / 60 Hz

DTV

Resolution	Frequency (Hz)
1280 x 720p	59.94 / 60 Hz
1920 x 1080i	59.94 / 60 Hz

Videos / Photos (In AllShare Play)

Refer to "Supported Subtitle and AllShare Play file formats" in the Other Information section.

Resolution supported for HDMI PC mode

for LED 7500 series and above

The optimal resolution for the HDMI PC mode is 1920 x 1080.

If the input resolution is not 1920 x 1080, the TV may not display images properly in 3D display or full screen mode.

How to watch the 3D images

Some 3D modes may not be available depending on the format of the image source.

To watch in 3D, you must wear 3D Active Glasses and turn the glasses on by pressing the power button.

1. Go to the 3D screen. (Picture → 3D)
2. Select the 3D Mode. The 3D Mode screen appears.
3. Set the 3D Mode of the image you want to view.

Read These Notes Before Using the 3D Function...

- The 3D Mode is set to Off automatically when you access Smart Hub function.
- The 3D Mode is set to its memorized configuration value automatically when you change the input source.
- Some Picture functions are disabled in 3D mode.
- PIP is not supported in 3D mode.
- 3D Active Glasses from Samsung's previous product (IR type) or other manufacturers are not be supported.
- When the TV is initially powered on, it

may take some time until the 3D display is optimized.

- The 3D Active Glasses may not work properly if there is any other 3D product or electronic devices turned on near the glasses or TV. If there is a problem, keep other electronic devices as far away as possible from the 3D Active Glasses.
- Be sure to stay within the viewing angle and optimum TV viewing distance when watching 3D pictures. Otherwise, you may not be able to see 3D effects properly.
- The ideal 3D viewing distance is three times or more the height of the screen. For example, if your screen is two feet

high, you should sit at least six feet from the screen. We recommend sitting so that your eyes are level with the screen.

Smart Hub

Menu → Support → Smart Hub

Using this function, you can stream movies, videos, and music from the Internet, access various for pay or free-of-charge applications and view them on your TV.

Application content includes news, sports, weather forecasts, stock market quotes, maps, photos, and games.

You can also start this function by pressing the button on the remote control.

- Samsung Electronics takes no legal responsibility for any interruption of the Smart Hub service caused by the service provider for any reason.
- Application services may be provided in English only and the contents available may vary, depending on your area.
- For more information about a Smart Hub service, visit the web site of the applicable service provider.
- The Smart Hub service downloads and processes data via the Internet so that you can enjoy the Internet contents on your TV screen. If the Internet connection

is unstable, the service may be delayed or interrupted. Furthermore, the player may turn off automatically in response to conditions on the Internet. If this occurs, check the Internet connection and try again.

- The services provided are subject to change by the Smart Hub service provider without notice.
- The Smart Hub service contents may differ depending on the player's firmware version.
- For pay DivX contents with copy protection can only be played through a composite, a component or an HDMI

cable.

- If the TV displays these icons at the bottom left of the screen, you can use corresponding functions:

   : Voice Control (System → Voice and Motion Control → Voice Control)

   : Motion Control (System → Voice and Motion Control → Motion Control)

   : An USB or Bluetooth Mouse (the device must connected to the TV). (System → Device Manager → Mouse Settings)

To start Smart Hub for the first time, follow these steps:

1. Press the ⌂ button.
2. The Smart Hub screen appears. In a few cases, the Country screen appears immediately after.
3. If the Country screen has appeared, select your country using your remote.

   ✎ Some applications are available only in certain countries.

4. The General Disclaimer screen appears. Select Agree.

   ✎ Screens can take a few seconds to

appear.

5. The Privacy Policy screen appears. Select Agree.

6. The Service Update screen appears and installs a number of services and applications. When done, it closes. The applications and services downloaded are displayed on the Smart Hub screen. This may take some time.

   - Smart Hub may close momentarily during the installation process.
   - A number of screens may appear after installation. You can close them or let them close on their own.

7. To start an application, select an application using your remote.

Using the Numeric Keypad

Selecting – using your remote while you are using the Screen Keypad enables you to change the text fields to lower case, capitalized case, upper case, numbers and icons.

You can use this Screen Keypad in a several Smart Hub applications.

Method 1: Using the keypad of ABC type.

1. For example, suppose that you want to

input “105Chang”.

2. Select – 3 times using your remote to change the input mode from lower case to numbers.

3. Select 1, 0 and 5 in numerical order.

4. Select – 3 times using your remote to change the input mode from numbers to upper case.

5. Select 2 3 times using your remote to input C.

6. Select – 3 times using your remote to change the input mode from upper case to lower case.

7. Input the rest of “Chang” using your remote in the same way. When done, select OK.

Method 2: Using the Keypad of XT9 type.

1. For example, suppose that you want to input “105Chang”
2. Select – 3 times using your remote to change the input mode from lower case to numbers.
3. Select 1, 0 and 5 in numerical order.
4. Select – 3 times using your remote to change the input mode from numbers to capitalized case.

5. Select in sequence: 2, 4, 2, 6, 4. A window will appear displaying a list of words that can be entered using the selected numbers. Select "Chang" from the list by selecting D using your remote.

If "Chang" cannot be found in the list, select + to create your own dictionary. Add your own word to your dictionary.

Using the QWERTY Keypad

You can use this Screen Keypad in a several Smart Hub applications in same way as a keyboard.

Using the colored and function buttons with the QWERTY Keypad

- A Delete All

  Delete all inputted character.

- B Numeric / QWERTY

  Toggles the keypad mode between Numeric mode and QWERTY mode.

  When the keypad is set to QWERTY mode, you can input a character using a USB or Bluetooth keyboard connected on the TV.

- Settings

Displays the options menu.

Input Language: select a input language.

XT9 Text Input: Turns on or off the recommended word function.

- Enter

  Enter the selected character.

- Return

  Return to the previous menu.

- Prev Page

  Move to the previous keypad.

  Available only when the keypad screen

is icon mode.

- ⏭ Next Page

  Move to the next keypad.

  ✎ Available only when the keypad screen is icon mode.

Creating an Account

To establish your own, exclusive, configuration of Smart Hub, create your own Samsung account.

✎ You must use an e-mail address as an ID.

✎ You can register up to 10 User Accounts.

You do not need an account to use the Smart Hub.

To create an account, follow these steps:

1. On the Smart Hub screen, select A using your remote. The Login screen appears.
2. Select Create Account using your remote. The Create Account screen appears.
3. Select Samsung Account. An entry screen and keypad appear.
4. Use the keypad to enter your e-mail address. This will serve as your ID.
5. When done, select OK. The Login screen

reappears.

6. Select Password. The Password screen and a keypad appear.

7. Use the keypad to enter a password. The password can be any combination of letters, numbers, and symbols.

   If you select A using your remote, the TV show or hide the password as you enter it.

8. When done, select OK.

9. Select Confirm password. The Password screen and a keypad re-appear.

10. Repeat Steps 7 and 8.

11. When done, select Create Account. The Confirmation window appears.

12. Select OK. The Continue to register service ID window appears.

13. Select OK.

    If you don't have existing provider accounts or do not want to register existing accounts at this time, select Cancel. You can also let the window close on its own in about a minute.

14. The Register Service Account window appears.

    If you have existing accounts with

any of the listed providers, you can associate the provider account and the provider account password with your Samsung account. Registration makes it easier to access the providers web site. For registration instructions, go to Step 2 in Account Manager under Settings in the “Configuring the Smart Hub with Settings” section of this manual.

- A Login / Logout

  To log in to your Samsung account, follow these steps:

  1. With the Smart Hub main screen displayed on your TV, select A using your remote. The Login screen appears.

  2. Select the ▼ next to the Samsung Account.

     If you want to input the Samsung Account. The keypad screen appears. Then you can input your Samsung

Account manually.

When you select Face Recognition Mode, you can log in to the Samsung account using the Face recognition function without input your account. For more detailed information about the Face recognition, refer to "SMART Interaction" section in the e-Manual.

3. Select your ID from the list that appears. The Login screen re-appears.

4. Select Password. The Password window and a keypad appears.

5. Enter your password using your remote. When done, select OK.

- If you want Smart Hub to enter your password automatically, select Remember my password after you have entered your password. A ✓ mark appears. The Smart Hub will now enter your password automatically when you select or enter your ID.

- If you want to log in the Smart Hub automatically when the Smart Hub function starts, select Sign me in automatically. A ✓ mark appears.

- When you forgot password, you can reset your Samsung account password. Select B using your remote. A pop-up message appears, and the select OK. The guide to

resetting your password will be sent to your e-mail.

- B WallPaper

  You can change a background image the Smart Hub home screen.

- C Account Manager

  Lets you register your service provider accounts, delete or deactivate your Samsung account, and register or reset your face recognition. For more information about Account Manager, refer to "Configuring the Smart Hub with Settings" in this section.

  Available only when you logged in the

Smart Hub.

Using the Tools menu with Smart Hub

- Login / Logout

  Log in or log out to your Samsung account.

- WallPaper

  You can change a background image the Smart Hub home screen.

- Move

  The Move function lets you change the screen position of an application or a folder.

To use the Move function, follow these steps:

1. Select an application or a folder, and then open the Tools menu using your remote.
2. Select Move. A position change screen appears.
3. Move the icon using your remote. When the icon is in the position of your choice, select the icon. The application moves to its new location.

- Move to Folder

  The Move to Folder function lets you move an application to a folder.

To use the Move to Folder function, follow these steps:

1. Select an application, and then open the Tools menu using your remote.
2. Select the Move to Folder. The Move to Folder window opens.
3. Select a folder using your remote. A move finished message appears, and then closes. The application has been moved to the folder.

Also, if you select an application in a folder, the application can be moved to the Smart Hub screen.

To access an application in a Folder

1. On the Smart Hub screen, select a folder. The folder opens.
2. Select an application you want to execute. The application service starts.

- Delete

The Delete function lets you delete application from the Smart Hub.

To use the Delete function, follow these steps:

1. Select an application, and then open the Tools menu using your remote.

2. Select Delete. The message Do you want to delete selected item(s)? appears.

3. Select OK. The application is deleted.

- New Folder

  The New Folder function lets you create and name new folders. Once you have created a folder, you can move applications into it.

  To use the New Folder function, follow these steps:

  1. Open the Tools menu using your remote.

  2. Select New Folder. The New Folder window and a keypad screen appears.

3. Enter the name of the folder using your remote.

4. When done, select OK. The New Folder screen closes and the New Folder appears on the Smart Hub screen.

- Rename Folder

  The Rename Folder function lets you rename folders.

  To use the Rename Folder function, follow these steps:

  1. Select a folder, and then open the Tools menu using your remote.

2. Select Rename Folder. The Rename Folder window and a keypad screen appears.

3. Enter a new name using your remote.

4. When done, select OK. The Rename Folder window closes and the new name appears below the folder.

- Lock

  The Lock function lets you lock some application in Smart Hub so they cannot be opened without entering the password.

  Depending on the application, this function may not be supported.

To use the Lock function, follow these steps:

1. Select an application, and then open the Tools menu using your remote.
2. Select Lock. The Security window appears.
3. Enter your password using your remote. If you do not changed a password, enter “0-0-0-0”.
4. A confirming message screen appears. A lock symbol appears left to the application.

- Unlock

Depending on the application, this function may not be supported.

To use the Unlock function, follow these steps:

1. Select an application, and then open the Tools menu using your remote.
2. Select Unlock. The Security window appears.
3. Enter your password using your remote. If you do not changed a password, enter “0-0-0-0”.
4. A confirming message screen appears. A lock symbol disappears.

- Information

  You can view the detailed information about the selected application.

  Depending on the application, you can also lock or unlock the application in the Detailed Information screen.

Configuring the Smart Hub with Settings

The Settings menu gives you access to Account Manager, Service Manager, Reset, and About Smart Hub functions.

To access the Settings menu, and then select a menu item, follow these steps:

1. Open the Tools menu using your remote.
2. Select Settings. The Settings window appears.
3. Select a menu item using your remote.

- Account Manager

  The Account Manager menu contains functions that let you register your service provider accounts, change your Smart Hub password, and delete or deactivate your Samsung account.

  Link to other accounts: If you have existing accounts with any of the providers listed by the Link to other accounts function,

you can associate the provider account and the provider account password with your Samsung account. If you associate the account, you will be able to log onto the account through Smart Hub easily, without entering your account name or password.

Before register your site account, corresponding application should be installed in the Smart Hub.

To use the Link to other accounts function, follow these steps:

1. In the Account Manager menu, select the Link to other accounts. The Link to other accounts window appears.

2. Select an application you want to associate with your Samsung account.

3. Enter your site ID and password using your remote. When done, select OK.

   This is the ID and password you normally use to access your account on this application.

4. If you have entered the ID and password correctly, the Registered successfully. message appears.

5. If want to add another service application, and then repeat Steps 2 through 4 to associate another service application.

6. When done, select OK.

Remove from TV Account List: Cancels all your current registered Service Accounts that you registered on the Register Service Account screen.

Deactivate Account: Deactivates your Samsung Account and deletes it and all your account settings entirely from the Smart Hub.

Face recognition: Register your face in your Samsung account. For more information about Face registration, refer to "Face recognition" in the SMART Interaction

section.

Remove recognized face: Delete registered your face in your Samsung account.

- Service Manager

  Auto Ticker: You can set Auto Ticker to come on when powering on the TV.

  The Ticker application provides useful News, Weather, and Stock Market information. The Ticker application on Smart Hub must be downloaded to use this feature.

Depending on your country, the Ticker application may have a different service or not be supported.

Push Notification Settings: When on, Push Notification that displays a notification message when an event takes place in an application installed on Smart Hub. The TV will display the notification message and allow you to view details of the event even while you are viewing TV.

- Reset

  The Reset function initializes all downloaded applications, erases all user accounts and settings from the TV, and resets all Smart

Hub settings to the factory default settings. It then restarts Smart Hub as if it were starting for the first time.

Your account, however, remains on the Smart Hub server. To log into your account, enter your ID and password on the Login screen.

To use the Reset function, follow these steps:

1. In the Settings menu, select Reset. The Reset screen appears.
2. Enter the your security password using your remote.

   The default password set is “0-0-0-0.”

The Smart Touch Control is not available.

If you forget the PIN code, press the remote control buttons in the following sequence in Standby mode, which resets the PIN to “0-0-0-0”: MUTE → 8 → 2 → 4 → (Power on).

3. After a few moments, the Smart Hub automatically resets. The screen may go black, then Smart Hub re-appears. In a few moments, it starts the reinitialization procedure.

4. To complete the re-initialization, go to Step 2 in "To start Smart Hub for the first time, follow these steps:" section of this

manual.

- About Smart Hub

  The About Smart Hub menu contains functions that display information about Smart Hub.

  Detail: Lists information about Smart Hub including version number, memory usage, and the unique product ID.

  Terms of Service Agreement: Display the Terms of Service Agreement.

Using the Samsung Apps

Samsung Apps

→ Samsung Apps

Samsung Apps is a store from which you can download applications to use on Samsung TV/AV equipment.

You can enjoy a variety of contents such as videos, music, photos, games, useful information etc. using the downloaded applications.

New applications are added regularly.

Using the colored and function buttons with the Samsung Apps

- A Login / Logout

  Log in or log out to your Samsung account.

- B Filter by Price

  To toggle the view between All, Paid and Free.

- C Sort

  To sort the applications by Recommended, Name, Date, or Downloaded.

  You can sort all categories except Most

Popular.

- D View Mode

  Each time you select D using your remote, the View Mode toggles between basic mode and thumbnail mode.

- ◄◄ Previous

  Move to previous page.

- ►► Next

  Move to next page.

- Tools

  Displays the option menu.

- ↩ Return

  Moves to previous menu.

Using the Samsung Apps by category

The following categories are available:

- What's New?

  User can easily find newly (latest) registered application.

- Most Popular

  Displays the most popular applications for users.

- Videos

  Includes apps that provide video media such as movies, TV shows and short length videos.

- Games

  Includes various game apps such as sudoku and chess.

- Sports

  Includes apps that provide sports content such as game results, images and short length video.

- Lifestyle

  Includes apps that provide lifestyle media

services such as music, personal photo management tools, and social networking such as Facebook and Twitter.

- Information

  Includes apps that provide information content such as news, financial information, stock quotes, weather, etc.

- Education

  Includes apps that provide education contents such as story book, dictionary, VOD (Video on Demand) for kids etc.

- My Apps

  My Apps offers information about your available App cash coupon, purchased app list or already installed applications on your TV like detailed information, download contents etc.

  You can purchase App cash that you can use to buy applications through tv.samsungapps.com.

- Help

  If you have questions about the Samsung Apps, check this section first.

To search an application in Samsung Apps, follow these steps:

1. On the Samsung Apps screen, select Search Samsung Apps. The Search window appears.
2. Enter a keyword you want to search using your remote.
3. When done, select an entry field.
4. Wait until the search result screen displays. Then you can select an application you want in the search result screen.

You can find the keyword in the search

history If you searched a keyword before.

Search

→ Search

(May not be available, depending on your country.)

Easily search for and access content from diverse sources (e.g. applications, Your Video, AllShare Play)

1. On the Smart Hub screen, select Search.
2. If you want to input a search term directly, select an entry field. A keypad screen appears. Enter the search term

using your remote.

If you want to search by category, select a category using your remote.

Using the Search function by category

- Your Video

  Personalize your movie-watching with a customized video on demand (VOD) recommendation service.

- Most Searched

  You can search by selecting a key word in the key word list. The key word list displays

words you frequently use for searches.

- Top Application

  You can search applications and services in the application list. The application list displays apps that users download frequently.

- Search History

  You can find the keyword in the search history if you searched a keyword before.

Using the colored and function buttons with the Search

- B Refresh

  Refresh the Search function.

- Tools

  You can set a general setting for Search function or delete the search history.

- Return

  Return to the previous menu.

- General Settings

  Keyword Recommendation: Turns on or off the Keyword Recommendation function.

  Search Scope: Sets a search scope. The default is allowed all application.

  To customize a search scope you want, follow these steps:

  1. On the Search screen, open the Tools menu using your remote.
  2. Select General Settings.



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